

3.3.2 2001 EPA Criteria Pollutant Emissions Coefficients (million short tons/delivered quad, unless otherwise noted)Residential

	<u>Electricity (1)</u>	<u>Gas</u>	<u>Oil(3)</u>	<u>Coal</u>		<u>Electricity (per primary quad) (1)</u>
SO ₂	0.937	(2)	0.087	(2)		0.287
NO _x	0.423	0.072	0.113	(2)		0.130
CO	0.043	(2)	(2)	(2)		0.013

Commercial

	<u>Electricity (1)</u>	<u>Gas</u>	<u>Oil(3)</u>	<u>Coal</u>		<u>Electricity (per primary quad) (1)</u>
SO ₂	0.937	(2)	0.328	(2)		0.287
NO _x	0.423	0.075	0.107	(2)		0.130
CO	0.043	(2)	(2)	(2)		0.013

All Buildings

	<u>Electricity (1)</u>	<u>Gas</u>	<u>Oil(3)</u>	<u>Coal</u>		<u>Electricity (per primary quad) (1)</u>
SO ₂	0.937	(2)	0.166	(2)		0.287
NO _x	0.423	0.073	0.111	(2)		0.130
CO	0.043	(2)	(2)	(2)		0.013

Note(s): 1) Emissions of SO₂ are 26% lower for 2001 than 1994 estimates since Phase II of the 1990 Clean Air Act Amendments began in 2000. Buildings energy consumption related SO₂ emissions dropped 18% from 1994 to 2001. 2) Data not available, significant enough, or reliable. 3) Oil includes distillate and residual fuel oils, LPG, motor gasoline, and kerosene.

Source(s): EPA, 2001 Average Annual Emissions, All Criteria Pollutants, February 2003 Tables A-2 to A-8 for emissions; and EIA, AEO 2004, Jan. 2004, Table A2, p. 134-136 for energy consumption.